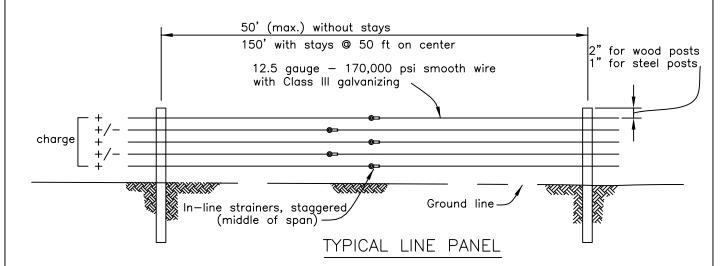
USDA-NRCS ALABAMA STANDARD DRAWING

FOTG SECTION IV CONSERVATION PRACTICE

CODE 382 — FENCE

3,4 or 5 STRAND ELECTRIC FENCE

STANDARD DRAWING NO.
AL-ECS-382-13
APPROVED BY:
DRAWN BY:
REVISED BY:



Ground wire Clamp connector Min. 3 galvanized ground rods © 6' min. depth. Follow mfgr. recommendations and specifications.

Recommended Wire Spacing

Wires	Animal Type	Spacing from ground (inches, nominal)
3	Cattle, cattle w/calves	18,30,42
4	Cattle, calves Cattle, sheep, goats	12,22,32,42 8,16,24,36
5	Cattle, calves, sheep, horses, goats	8,16,24,36,48

LINE POSTS:

Steel, Standard"T" or "U" (> 1.25 lb/ft) Wood (3 in. dia. min.)

L = 5.5 ft. min. D=18 in. min. L = 6 ft. min. D=24 in. min.

CORNER AND GATE POSTS:

Steel (2.5" dia. min. w/cap) Wood (5" dia. min.) L = 6.5 ft. min. D=30 in. w/ concrete in 12" dia. hole

L = 7 ft. min. D=36 in. min.

BRACE AND PULL POSTS:

Wood (4" dia. min.)

L = 6 ft. min. D=36 in. min.

ENERGIZERS:

110-volt or 220-volt powered line

12-volt battery, 600 amps/hr (min.) deep cycle Marine battery

solar-powered low impedance

lightning arrestors on all energizers surge protection on AC power sources

FASTENERS:

Porcelain or UV stabilized plastic insulators

STAPLES:

9 gauge (min), 1 1/2" w/barbs for softwoods and 1" for hardwoods

STAYS:

5/8" min. fiberglass or 1"x1.5" high density wood

Drawing not to scale. Standardized drawing must be adapted to the specific site.